INTERNATIONAL SEARCH REPORT

International application No.

		•	PCT/JE	203/16663	
A. CLAS	SIFICATION OF SUBJECT MATTER 5		<u> </u>		
Int.	.C1' F01N1/08				
The second secon					
According to International Patent Classification (IPC) or to both national classification and IPC					
	OS SEARCHED				
Minimum o	documentation searched (classification system followed . Cl ⁷ F01N1/08	by classification symb	ools)		
Documenta Tite	ation searched other than minimum documentation to the				
Koka	Suyo Shinan Koho 1922-1996 ii Jitsuyo Shinan Koho 1971-2004	Jitsuyo Shina	yo Shinan Koho an Toroku Koho	0 1996–2004	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCU	JMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap			Relevant to claim No.	
Y	CD-ROM of the specification a	and drawings	annexed to	1	
A	the request of Japanese Utilit 58420/1991 (Laid-open No. 1810	y Model Appli	.cation No.	2-22	
!	(Kubota Corp.),	0/1333)			
, 1	14 January, 1993 (14.01.93),				
	Full text; Fig. 1 (Family: none)	•			
, /	(ramity: none)				
Υ Α	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 164548/1978 (Laid-open No. 83215/1980) (Nippon Radiator Kabushiki Kaisha), 09 June, 1980 (09.06.80), Full text; Fig. 2			1 2-22	
ļ	(Family: none)		Ī		
			į		
	1 .	•			
	<u>;</u>				
Further documents are listed in the continuation of Box C. See patent family annex.					
	al categories of cited documents: tent defining the general state of the art which is not		published after the inter	mational filing date or e application but cited to	
conside	ered to be of particular relevance document but published on or after the international filing	understand the pr	rinciple or theory unde	erlying the invention	
date	•	considered novel	l or cannot be consider	laimed invention cannot be ed to involve an inventive	
"L" docume cited to	ent which may throw doubts on priority claim(s) or which is o establish the publication date of another citation or other	step when the do	step when the document is taken alone		
special	reason (as specified) ent referring to an oral disclosure, use, exhibition or other	considered to inv	considered to involve an inventive step when the document is combined with one or more other such documents, such		
means		combination being obvious to a person skilled in the art "&" document member of the same patent family			
Date of the a	actual completion of the international search april, 2004 (06.04.04)	Date of mailing of the 20 April	Date of mailing of the international search report 20 April, 2004 (20.04.04)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No.		Telephone No			